Beam Power Tube

7-PIN MINIATURE TYPE CONTROLLED CATHODE WARM-UP TIME MINIMIZES EXTRANEOUS SOUND DURING RECEIVER WARM UP.

For Use in the Audio Output Stages of Television Receivers Electrical:

Heater Characteristics and Ratings: Voltage (AC or DC)	volts amp
respect to cathode 200 max. Heater positive with	volts
respect to cathode	volts
= 680	sec
G1 to P 0.4	pf
Input: G1 to (K+G3,G2,H) 8.0	pf
Output:P to (K+G3,G2,H) 8.5	pf
Mechanical:	
Operating Position	73/8" 3/32" .750" ction 5-1/2 E7-1)
Pin 1-Grid No.1 Pin 2-Cathode, Grid No.3 Pin 3-Heater Pin 4-Heater Pin 5-Plate Pin 6-Grid No. Pin 7-Grid No.	0.2

AMPLIFIER - Class A

Maximum Ratings, Design-Maximum Values:

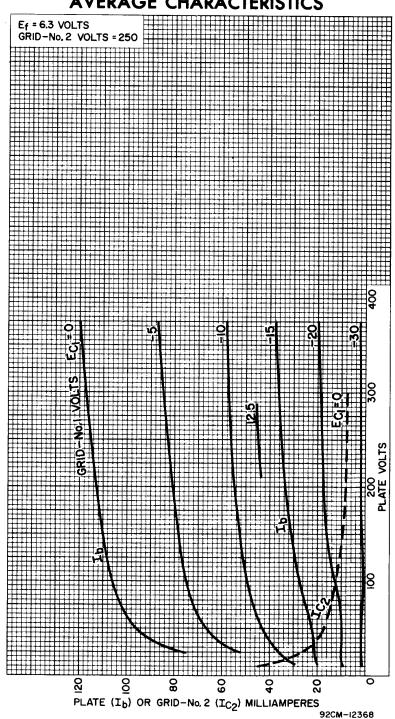
Plate Voltage					275 max.	volts
Grid-No.2 (Screen-Grid)	Voltage				275 max.	volts
Grid-No.2 Input					2 max.	watts

6HG5

Plate Dissipation	o _C
Typical Operation and Characteristics:	
Grid-No.2 Voltage. 180 250 v Grid-No.1 (Control-Grid) Voltage -8.5 -12.5 v Peak AF Grid-No.1 Voltage. 8.5 12.5 v Zero-Signal Plate Current. 29 45 MaxSignal Plate Current. 30 47 Zero-Signal Grid-No.2 Current. 4 7 Plate Resistance (Approx.) 58000 52000 Transconductance 3700 4100 μ Load Resistance. 5500 5000 Total Harmonic Distortion. 8 8	
Maximum Circuit Values:	
	gohm gohm

The dc component must not exceed 100 volts.
 The time interval between the instant all electrode voltages are applied and the instant a current of one milliampere flows in the plate circuit of the 6HG5.

AVERAGE CHARACTERISTICS



OPERATION CHARACTERISTICS

